

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)					Page 1 of 1		
					Apr-2006		
TO: City Manager, City of Tarpon Springs 101 South Pinellas Avenue, Tarpon Springs, FL				FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida			
RIVER/HARBOR NAME AND STATE Anclote River, Pinellas Co., FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			

Cut-1: From green Light-1 to green Light-7.	Nov-1999	100	1.1	9	*	8.3 (1)	*
Cut-2: From green Light-7 to green Light-1.	Nov-1999	100	2.8	9	*	8.7 (1)	*
Entrance Channel: From green Light-1 to red Daybeacon-8.	Mar-2006	100	1.3	9	7.8(2)	7.6(2)	7.5(2)
Cut-3A & Cut-4: From red Daybeacon-8 to green Light-17.	Mar-2006	100 - 150	0.9	9	8.9(3)	9.1	9.2
Cut-5 & Cut-6: From green Light-17 to green Light-29.	Mar-2006	100 - 150	1	9	7.4(4)	7.7(4)	8.4
Cut-7 & Cut-8: From green Light-29 to green Light-39.	Mar-2006	100 - 150	0.75	9	9.7	9.4	8.2(5)
Cuts-9 thru 11: From green Light-39 to red Light-48.	Mar-2006	100 - 200	0.4	9	10.2	10.2	9.3
Cuts-12 thru 14: From red Light-48 to 1600 feet east of red Daybeacon-50.	Mar-2006	100 - 200	0.4	9	9.0	9.6	9.1
Turning Basin: From 1600 feet east of red Daybeacon-50 to terminus of basin.	Mar-2006	125 - 300	0.2	9	3.2(6)	5.1(6)	8.4(6)

Remarks:

1. Minor shoaling from 400 feet east of green Light-1 throughout portions of apparent channel for Cut-1 and Cut-2.
2. Shoaling located approximately 540 east of green Daybeacon-3. Shoals encompass entire channel in this area.
3. Spot shoal located in vicinity of red Daybeacon-12.
4. Shoals located in vicinity of red Daybeacon-16 extending southeast to red Daybeacon-18. Shoals encompass entire channel in some areas.
5. Spot shoal in vicinity of green Light-29.
6. Shoaling in northern quadrant of turning basin.